

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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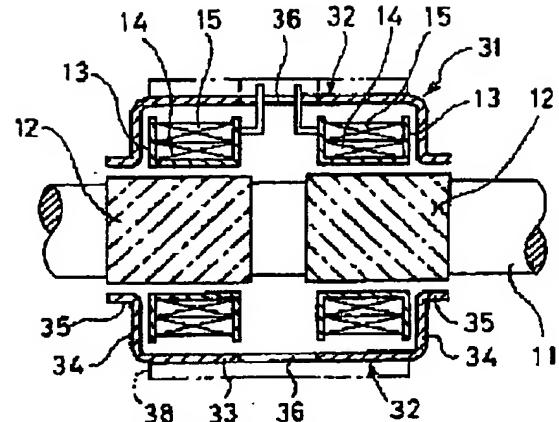
APPLICATION DATE : 01-08-95  
APPLICATION NUMBER : 07195653

APPLICANT : KUBOTA CORP;

INVENTOR : SAITO TARO;

INT.CL. : G01L 3/10

TITLE : MAGNETOSTRICTIVE TORQUE  
SENSOR



**ABSTRACT :** PROBLEM TO BE SOLVED: To obtain a magnetostrictive torque sensor including a shield case which is easy to mold, can be mass-produced and is inexpensive.

SOLUTION: A magnetostrictive torque sensor comprising coils 14, 15 placed around a magnetically anisotropic part 12 formed on a surface of a torque transmission shaft 11 has a shield case 31 for receiving the coils 14, 15 wherein a plurality of divided pieces 32 in a peripheral direction of press-molding are assembled into a cylindrical structure with both ends closed.

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